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Date: March 28<sup>th</sup> 2013

RE: Water License 1BR-RAN 0914 Land farm Rankin Inlet Annual Report 2013

Good afternoon Phyllis,

Please find attached the annual report for the above mentioned license, you will also find attachments with respect to the sample results as well as any other related information pertaining to the license requirements.

Please contact me should you have any questions, comments, or concerns.

Thanks

Jason Tologanak  
Regional Director, Kivalliq Region  
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Rankin Inlet, Nunavut  
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**ANNUAL REPORT  
FOR THE HAMLET OF RANKIN INLET, 2012**

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**YEAR BEING REPORTED: 2012 (Landfarm)**

The following information is compiled pursuant to the requirements of Part B, Item 1 of Water License # 1BR-RAN 0914 for Landfarm issued to the GN-CGS.

- i) - iii) tabular summaries of all data generated under the "Monitoring Program"; monthly and annual quantities in cubic metres of freshwater obtained from all sources; monthly and annual quantities in cubic metres of each and all wastes discharged;

Attached are quantities of water used as reported in our On Tap Water Delivery System and the estimated discharge of sewage waste based on quantities used.

<b>Month Reported</b>	<b>Quantity of Water Obtained from all sources (litres)</b>	<b>Quantity of Sewage Waste Discharged (Estimated)</b>
<b>January 2012</b>		
<b>February 2012</b>		
<b>March 2012</b>		
<b>April 2012</b>		
<b>May 2012</b>		
<b>June 2012</b>		
<b>July 2012</b>		
<b>August 2012</b>		
<b>September 2012</b>		
<b>October 2012</b>		
<b>November 2012</b>		
<b>December 2012</b>		
<b>ANNUAL TOTAL</b>		

**Note:** This license does not deal with water and wastewater.

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- iv. a summary of modifications and/or major maintenance work carried out on the Water Supply and Waste Disposal Facilities, including all associated structures and facilities;

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Nil

- v. a list of unauthorized discharges and summary of follow-up action taken;

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Spills:

Area 6: Diesel fuel: 100L. dated 5/7/2012: 2012178

Rankin Inlet: Diesel Fuel: 450L, dated 5/11/2012: 2012179

Rankin inlet, Northern store Grocery Manager's House: Heating oil: 650L: dated 5/23/2012: 2012202

Northern store Warm Warehouse: Heating oil: 50L: dated 5/22/2012: 2012203

Lot 32: P-50 Heating Fuel: 100L: dated 6/12/2012: 2012237

Lot 632: P-50: 20L: dated 6/12/2012: 2012240

NCC Blue Row House: P-50: dated 6/28/2012: 2012270

Rankin Inlet: Jet A-1, 40L: dated 8/1/2012: 2012313

Rankin Inlet: Jet A-1: 24L: dated 8/24/2012: 2012345

244-61 Manning street: Heating Fuel: 10L; dated 9/5/2012: 2012355

Mosher sand Pit: P-50 Diesel : 100L: 9/25/2012: 2012389

Rankin Inlet: Heating oil: 750L: dated 10/18/2012: 2012413

Unit 543-A: Heating Fuel: 500L: dated 10/22/2012: 2012418

100-24 Inuksuk Avenue: P-50: 350L: dated 10/23/2012: 2012419

Unit 33 : P-50: 75L: dated 11/8/2012: 2012438

New Hotel: P-50: 40L; dated 12/6/2012: 2012452

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- vi. a summary of any abandonment and restoration work completed during the year and an outline of any work anticipated for the next year;

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No plan was in 2012 and no anticipation in 2013.

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- vii. a summary of any studies requested by the Board that relate to waste disposal, water use or reclamation, and a brief description of any future studies planned;

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- Arktis Solution Inc. completed a feasibility study on waste management across Nunavut and recommended new guidelines. CGS is planning to implement these guidelines in the future waste management facilities including Rankin inlet.

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viii. any other details on water use or waste disposal requested by the Board by November 1<sup>st</sup> of the year being reported; and

- Recording the volume of contaminated soil entering the Land farm.
- Monitoring groundwater quality at the upstream and at the downstream of the Landfarm during summer.
- Monitoring quality of leachate discharging from the Landfarm during summer

ix. updates or revisions to the approved Operation and Maintenance Plans.

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**Nil**

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**ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:**

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- The Licensee will continue extended sampling and testing program in 2013.
  - The licensee will try to satisfy the general conditions of this License in time.
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**FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:**

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The Licensee is working efficiently to satisfy the requirements of the Water License and the deficiencies mentioned by the AANDC inspector, dated August 2, 2011.